Optics & Photonics

Indzawo Optic Connect

Structured Light Module

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LumiMetric provides high peak power line laser modules with high intensity illumination in pulsed operation for 3D structured light applications. The lasers create laser line with uniform power ...

Structured light products and design expertise from ams OSRAM help customers get to market quickly and scale up production rapidly. These products, which provide best in class performance, include ...

Structured light systems effectively project an array of features. Our fully integrated VCSEL dot projector modules can project up to 15k high contrast dots, enabling high-resolution 3D data to be derived for ...

With better optical performance and state-of-the-art depth processing algorithm, SH430 module can work even in the worse high intense ambient light conditions and offer more accurate/precise depth ...

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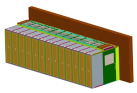
Structured light lasers designed for machine vision & 3D imaging applications. Excellent uniformity in a compact form factor.



The listed EEL (Edge Emitting Laser) DOE Laser Modules are the most popular DOE infrared dot projector for 3D sensing application or structured light. It includes a collimating lens and a diffractive ...

Structured light is considered one of the most effective techniques to acquire 3D models. This technique is based on projecting a light pattern and capturing the illuminated scene from one or ...

HOLO / OR offers high-angle magnification modules, suitable for all wavelengths and made from Polycarbonate or Glass substrates. These modules are available for a variety of angles, ...

Structured light allows you to take a scan of the entire target surface and inspect multiple features simultaneously such as fasteners, holes, slots, studs, and surface gap and flush.

With advanced features such as random dot projection and various wavelengths (830nm, 850nm), these laser modules are ideal for industrial, research, and development purposes. Choose the perfect ...

Contact Us

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